	CRF Errors Corrected by the STIC Systems Branch
น	mber: /0/09,782A CAF Processing Data: Perpart 20
C	changed a file from non-ASCII to ASCII
C	hanged the margins in cases where the sequence text was wrapped down to the next line.
Ε	dited a format error in the Current Application Data section, specifically:
E	dited the Current Application Data section with the actual current number. The number inputted by the pplicant was the prior application data; or other
Α	dded the mandatory heading and subheadings for "Current Application Data".
Ε	dited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
С	hanged the spelling of a mandatory field (the headings or subheadings), specifically:
С	orrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
n	serted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
C o	prrected subheading placement. All responses must be on the same line as each subheading. If the oplicant placed a response below the subheading, this was moved to its appropriate place.
Ir	serted colons after headings/subheadings. Headings edited included:
D	eleted extra, invalid, headings used by an applicant, specifically:
C	Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as
ı	nserted mandatory headings, specifically:
	corrected an obvious error in the response, specifically:
Ε	dited identifiers where upper case is used but lower case is required, or vice versa.
С	orrected an error in the Number of Sequences field, specifically:
A	"Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
e u	leted ending stop codon in antino acid sequences and adjusted the *(A)Length: field accordingly (error to a Patentin bug). Sequences corrected:
C	ther:
_	

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.



1600

RAW SEQUENCE LISTING DATE: 05/29/2003 PATENT APPLICATION: US/10/009,782A TIME: 20:56:35

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Output Set: N:\CRF4\05292003\J009782A.raw

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              Takeuchi, Ken-Ichi
      5
              Isobe, Kimiyasu
      6
              Moriguchi, Mitsuaki
      7
              Hirose, Yoshihiko
              Koide, Yoshinao
     10 <120> TITLE OF INVENTION: TRANSFORMED MICROORGANISM AND PROCESS FOR PRODUCING D-
AMINOACYLASE
     12 <130> FILE REFERENCE: 217301US-0
     14 <140> CURRENT APPLICATION NUMBER: 10/009,782A
     15 <141> CURRENT FILING DATE: 2002-03-25
     17 <150> PRIOR APPLICATION NUMBER: PCT/JP00/03932
     18 <151> PRIOR FILING DATE: 2000-06-15
     20 <150> PRIOR APPLICATION NUMBER: JAPAN 11/170555
     21 <151> PRIOR FILING DATE: 1999-06-17
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75

RECEIVED

JUN 0 4 2003

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/009,782A

DATE: 05/29/20 TECH CENTER 1600/2900 TIME: 20:56:35

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70
73 Gly Ser Tyr Arg Phe Glu Arg Phe Ala Asp Tyr Leu Asp Ala Leu Arg 74 120 125 130 130 135 76 gcc acg ccg gcg gcc gtc aac gcc gcc tgt atg gtg ggc cat tca acg 77 Ala Thr Pro Ala Ala Val Asn Ala Ala Cys Met Val Gly His Ser Thr 8 140 145 150 80 ctg cgc gcc gcg gtc atg ccg gac ttg cag cgc gcc gcc acc gac gag 81 Leu Arg Ala Ala Val Met Pro Asp Leu Gln Arg Ala Ala Thr Asp Glu 82 155 160 84 gaa atc gcg gcc atg ggg ac ctg gcc gag gaa gcc atg gcc agc gcc agc gcc gcc agc ggc 85 Glu Ile Ala Ala Met Arg Asp Leu Ala Glu Glu Ala Met Ala Ser Gly 86 170 180 88 gcc atc ggc att tcg acc ggc gcc ttc tac ccg ccc gcc gcc gcc gcc 89 Ala Ile Gly Ile Ser Thr Gly Ala Phe Tyr Pro Pro Ala Ala Arg Ala 90 185 92 acc acc gaa gag atc atc gag gtg tgc cgg ccg ctg agc gcc at ggc 93 atr Thr Thr Glu Glu Ile Ile Glu Val Cys Arg Pro Leu Ser Ala His Gly 94 200 205 210 215 96 ggc atc tac gcc acc cac atg cgc gac gaa ggc gag cac atc gtg gcc 97 Gly Ile Tyr Ala Thr His Met Arg Asp Glu Gly Glu His Ile Val Ala 98 220 225 230 100 gcg ctg gag gaa acc ttc cgc atc ggc cgc gag ctg gac gtg ccg gtg 101 Ala Leu Glu Glu Thr Phe Arg Ile Gly Arg Glu Leu Asp Val Pro Val 102 235 240 245 104 gtg atc tcg cac cac aag gtc atg ggc cac attc ggc gcc cgc 105 Val Ile Ser His His Lys Val Met Gly Glu Pro Asp Phe Gly Arg Ser 106 255 250 108 cgc gag acg ctg ccg ctg atc ggc cac att tc ggc gcc cac gac 107 Val Thr Leu Pro Leu Ile Glu Ala Ala Met Ala Arg Gln Asp Val 112 265 275 276 114 tcg ctg gac gcg tat ccc tac gtg gcc gcc atg gcc cac acc acc acc acc acc acc acc ac
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RAW SEQUENCE LISTING

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DATE: 05/29/2003

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166	<u>дт</u> ў	GIII	пто	475	сту	Arg	Val	ьеu	480	Arg	Inr	Ата	Ата				
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191	Thr	reu	ire	20	СТУ	Ser	ASII	Int	25	СТУ	Arg	Arg	Ата	Asp 30	Leu	GTÀ	
	Val	Δra	Glv		Δra	Tla	Δ 1 =	7.1 s		Cl v	Λen	Lou	Sar		71.	ת ז ה	
195	· u .	1119	35	7100	1119	110	mia	40	116	Gry	лэр	пец	45	лэр	лта	AIa	
	Ala	His		Ara	Val	Asp	Val		Glv	Leu	Val	Val		Pro	Glv	Phe	
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RAW SEQUENCE LISTING DATE: 05/29/2003 PATENT APPLICATION: US/10/009,782A TIME: 20:56:35

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Output Set: N:\CRF4\05292003\J009782A.raw

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227	Gln	Aro	Ala	Ala	Thr			Glu	Tle	Ala			Δra	Aen	Len	
228			,		165		010	0		170		1100	7,1 9	лэр	175	
231	Glu	Glu	Ala	Met			Glv	Δla	T۱۵			Sar	Thr	C1 v		
232	-			180	2114	501	OTA	пια	185		116	261	1111	190		Pne
		Pro	Pro			Δra	Δla	Thr			Clu	710	Tlo			C
236	* y =	110	195		пла	льу	пта	200		GIU	GIU	тте			val	Cys
		Pro	Leu		Λla	uic	C1,,			m	77.	mh	205		7	
240		210	пеа	261	нта	птэ	215		тте	Tyr	Ата			Met	Arg	Asp
				иіо	Tla	W-1			т	C1	61	220		_		~ 2
243	225	СТУ	Glu	пто	тте	230	Ald	Ата	ьeu	GIU		Thr	Pne	Arg	TTe	_
			T 011	7.00	77-1		**- 1	**- 1	- 1.	_	235		_			240
248	Arg	GIU	Leu	Asp		Pro	vaı	vaı	TTE		HIS	Hls	Lys	Val		Gly
		D	70	D1	245	•	•	_		250	_	_			255	
251	GIII	Pro	Asn	Pne	GTA	Arg	Ser	Arg		Thr	Leu	Pro	Leu		Glu	Ala
252			~ 3	260		_		_	265					270		
255	Ата	Met	Ala	Arg	GIn	Asp	Val		Leu	Asp	Ala	Tyr		Tyr	Val	Ala
256		_	275		_	_		280					285			
259	GLY	Ser	Thr	Met	Leu	Lys		Asp	Arg	Val	Leu		Ala	Gly	Arg	Thr
260	~ 1	290		_			295					300				
263	TTE	TTe	Thr	Trp	Cys		Pro	Phe	Pro	Glu	Leu	Ser	Gly	Arg	Asp	Leu
	305		_			310					315					320
267	Asp	Glu	Val	Ala		Glu	Arg	Gly	Lys	Ser	Lys	Tyr	Asp	Val	Val	Pro
268					325					330					335	
	Glu	Leu	Gln		Ala	Gly	Ala	Ile	Tyr	Phe	Met	Met	Asp	Glu	Pro	Asp
274				340					345					350		
277	Val	Gln	Arg	Ile	Leu	Ala	Phe	Gly	Pro	Thr	Met	Ile	Gly	Ser	Asp	Gly
278			355					360					365			
281	Leu	Pro	His	Asp	Glu	Arg	Pro	His	Pro	Arg	Leu	Trp	Gly	Thr	Phe	Pro
282		370					375					380				
285	Arg	Val	Leu	Gly	His	Tyr	Ala	Arg	Asp	Leu	Gly	Leu	Phe	Pro	Leu	Glu
286	385					390					395					400
289	Thr	Ala	Val	Trp	Lys	Met	Thr	Gly	Leu	Thr	Ala	Ala	Arq	Phe	Glv	Leu
290					405					410					415	
293	Ala	Gly	Arg	Gly	Gln	Leu	Gln	Ala	Gly	Tyr	Phe	Ala	asp	Leu	Val	Val
294			-	420					425	-			-	430		-
297	Phe	Asp	Pro	Ala	Thr	Val	Ala	asp	Thr	Ala	Thr	Phe	Glu		Pro	Thr
298		-	435					440					445			~***
	Glu	Ara	Ala	Ala	Glv	Ile	His		Val	Tyr	Val	Asn		Δla	Pro	Val
302	-	450			1		455		. 41	- 1 -	<i>,</i> u _	460	O T Y	-11 a		AGT
	Trp		Glu	Gln	Ala	Phe		Glv	Gln	Hic	Δls		Δνα	U = I	T CVI	71-
306	465	~~		J_11		470	T11T	оту	GIII	1112	475	g T À	ALG	val	ьeu	
		Thr	Ala	Δla		1,0					4/5					480
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J _ J	-CIO	- 5	רד אי	140:	J											

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/009,782A

DATE: 05/29/2003 TIME: 20:56:35

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\05292003\J009782A.raw

314 <211> LENGTH: 6

315 <212> TYPE: DNA

316 <213> ORGANISM: Artificial

318 <220> FEATURE:

319 <223> OTHER INFORMATION: Nucleotide sequence in ribosome binding site for improving

translation

320 efficiency. 322 <400> SEQUENCE: 3

323 gaagga

6

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/29/2003 PATENT APPLICATION: US/10/009,782A TIME: 20:56:36

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\05292003\J009782A.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seg#:3

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/009,782A

DATE: 05/29/2003 TIME: 20:56:36

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\05292003\J009782A.raw

L:37 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:35